

ELA05 - Deye CONNECTION GUIDE

Leapton Solar

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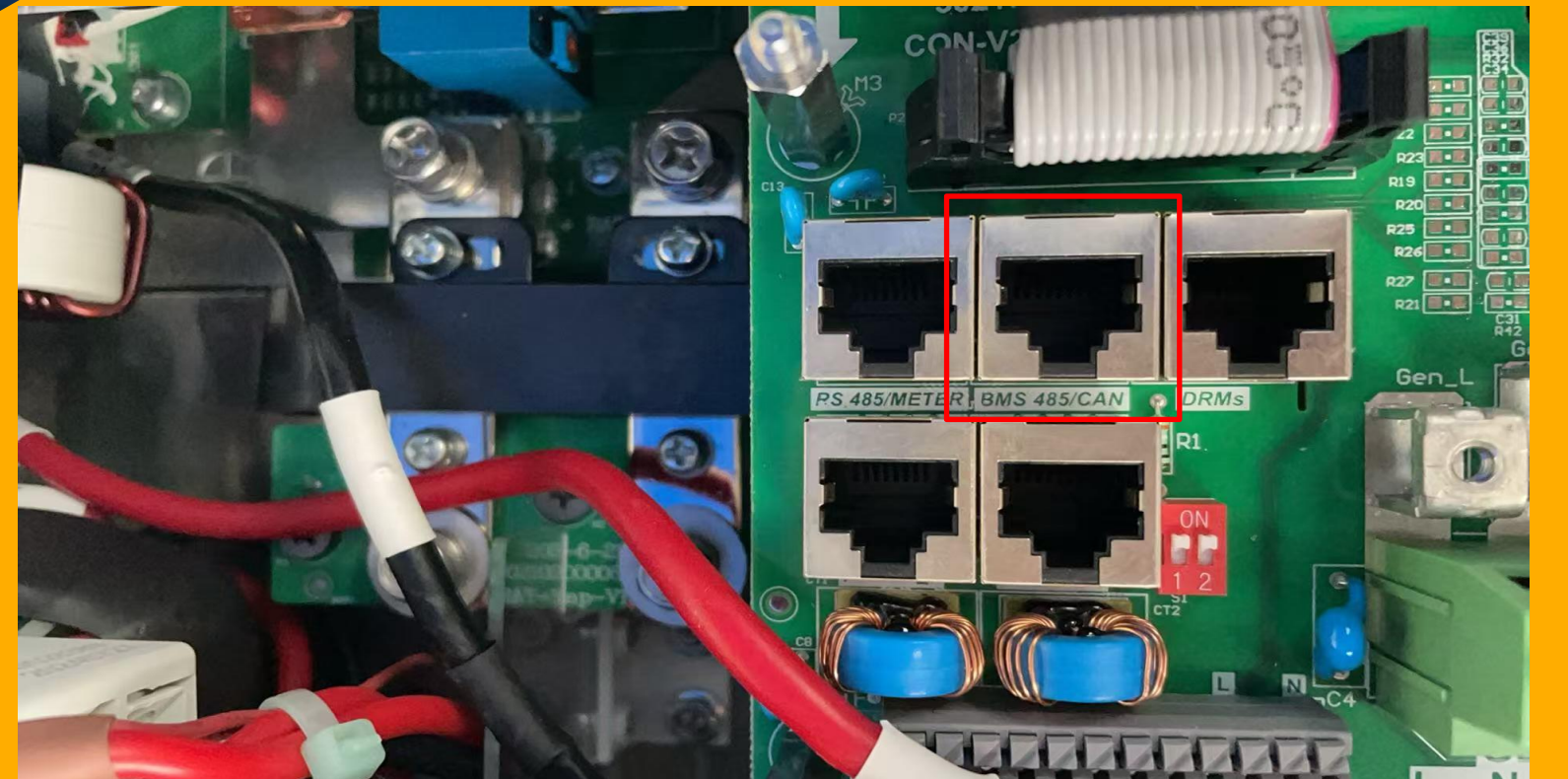
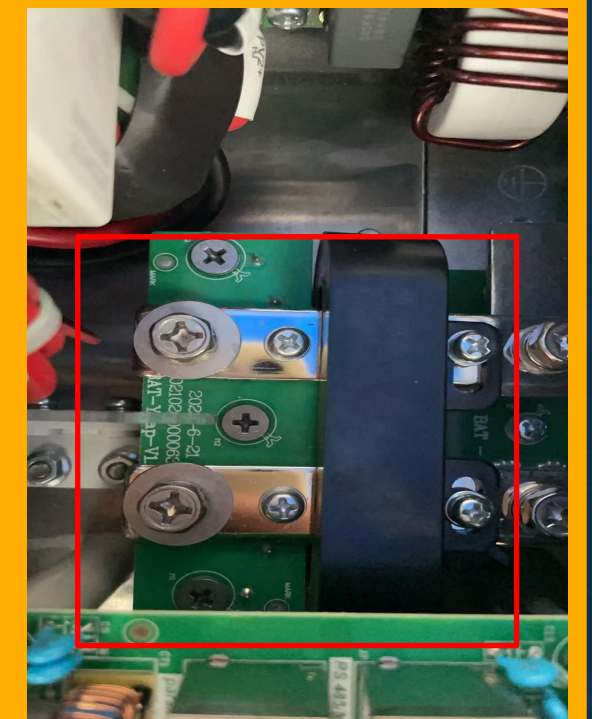
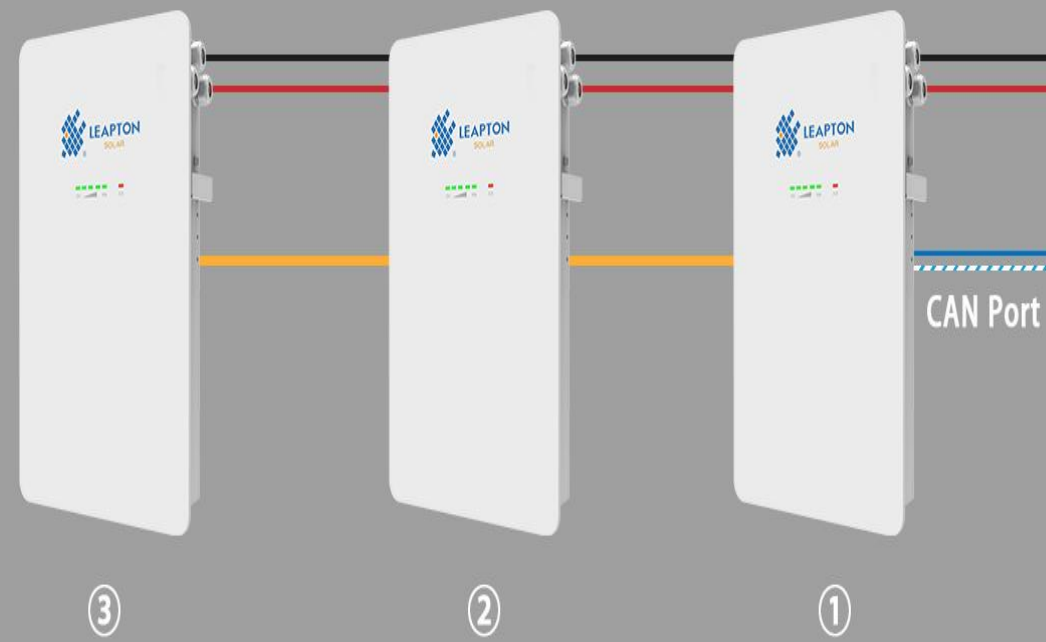
System Connection

01.





- POSITIVE POWER CORD
- NEGATIVE POWER CORD
- CAN H
- CAN L
- Fully pinned Ethernet cable



Communication cable installation introduction

02.



- Please refer to the following pin definitions if you need to make a new battery communication cable.



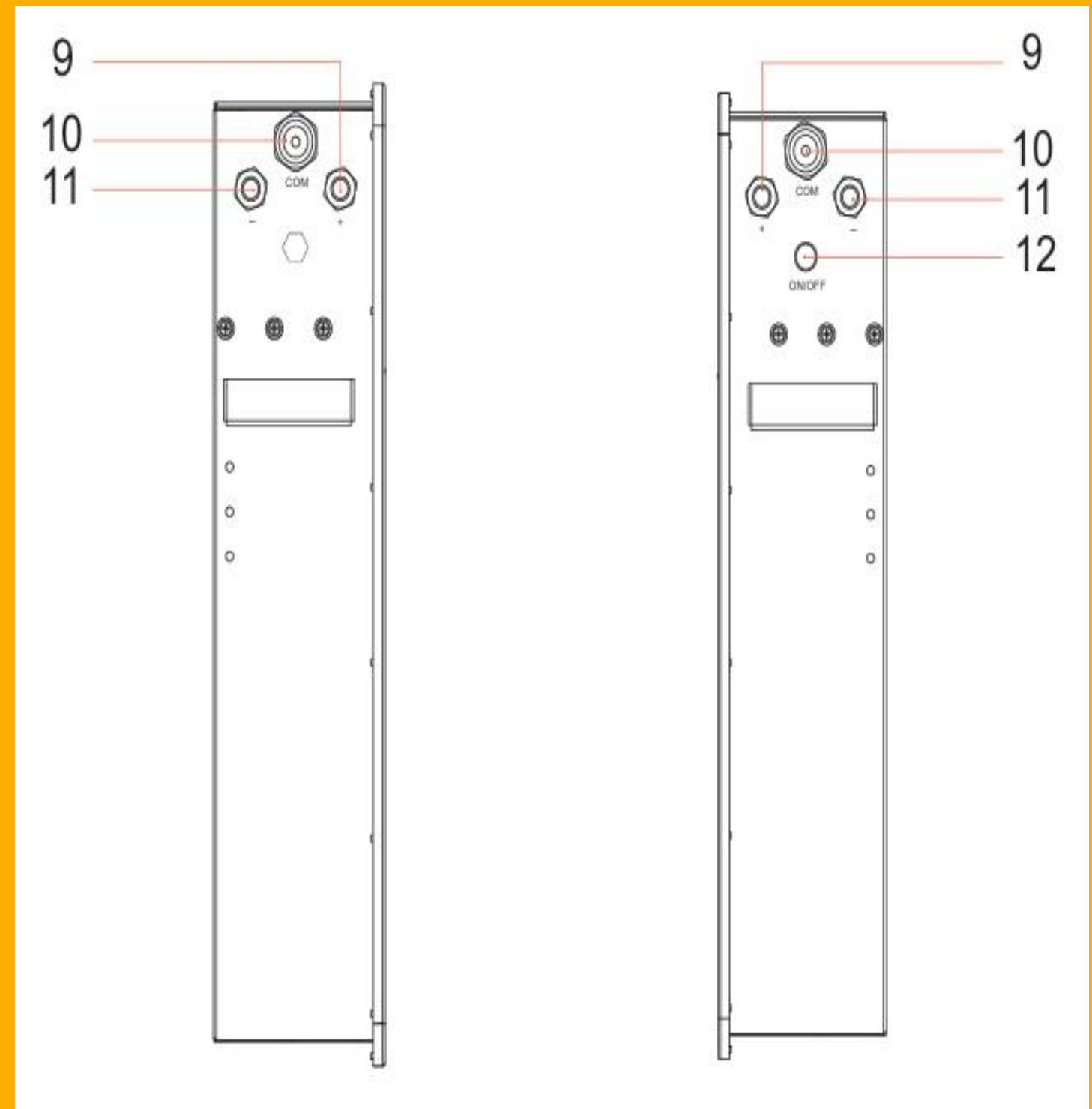
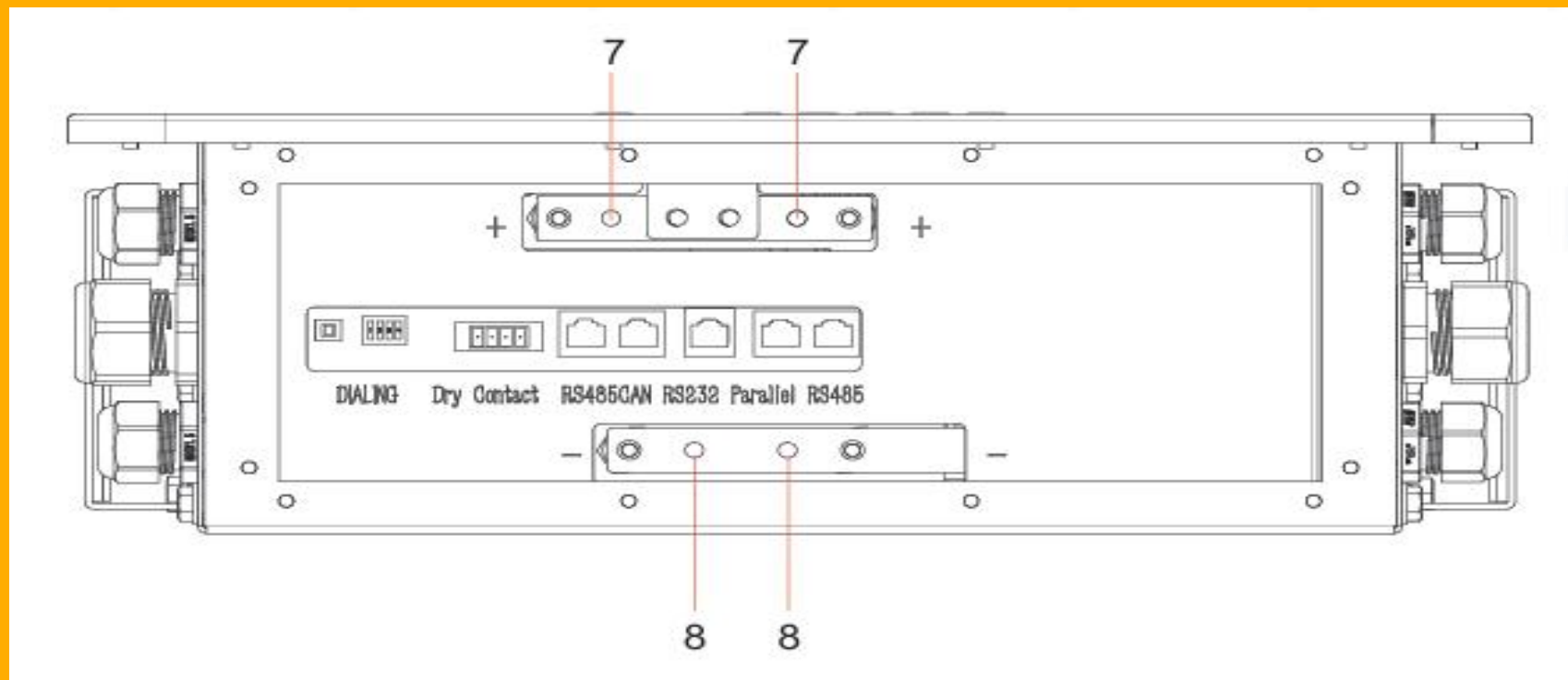
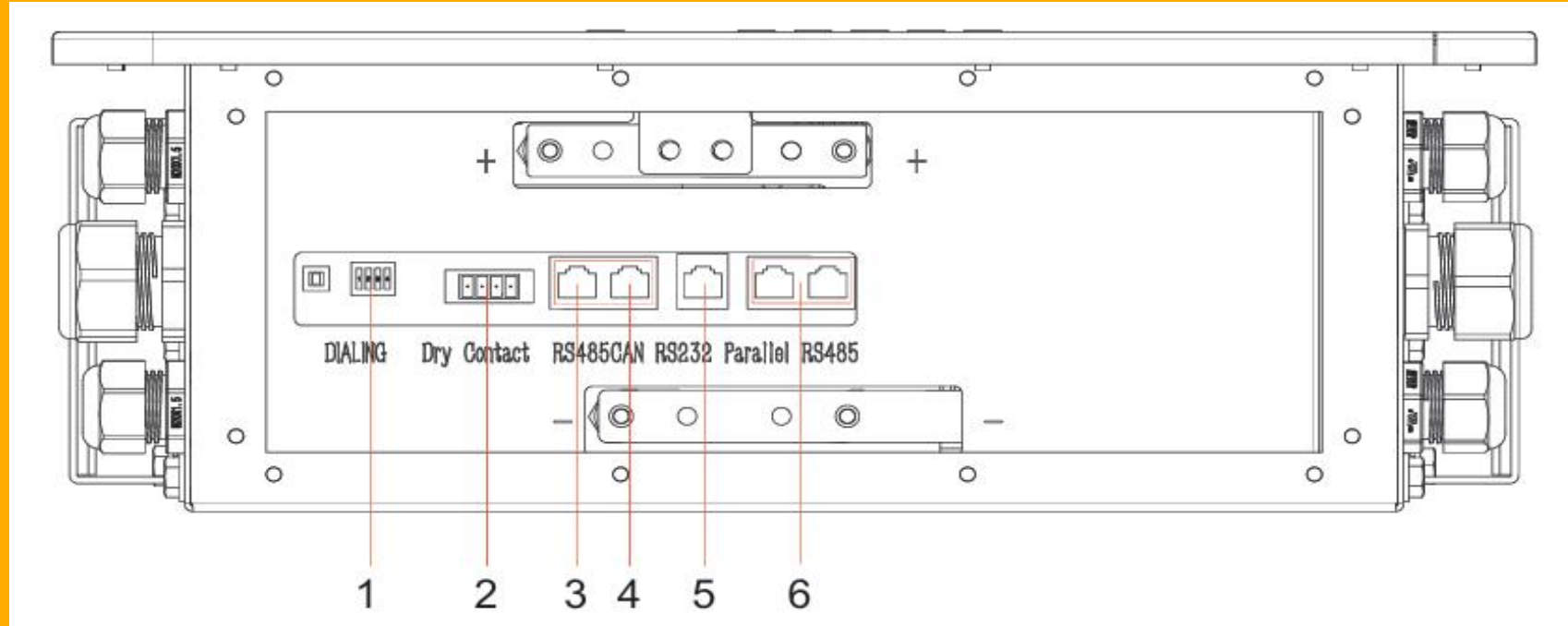
PIN	CAN	Description
1 (orange-white)	/	/
2 (orange)	GND	
3 (green-white)	/	Connects to the invert BMS communication port to communication with the inverter
4 (blue)	CANH	
5 (blue & white)	CANL	
6 (green)	/	/
7 (brown-white)	/	/
8 (brown)	/	/



Introduction to Battery Interfaces

03.





Number	Project	Description
1	DIALING	When multiple modules are connected in parallel, different address codes can be specified for each battery module, up to 15
2	Dry Contact	1/2 open, close when fault protection; 3/4 open, low battery power alarm
3	RS485	RJ45 interface. When the communication method of the inverter is RS485, please use this port to connect to the inverter.
4	CAN	RJ45 interface. When the communication method of the inverter is CAN, please use this port to connect to the inverter.
5	RS232	The BMS can communicate with the upper - computer through the RS232 interface
6	Parallel RS485	RJ45 interface, used for parallel communication

Number	Project	Description
7	Positive busbar	Realize the charge and discharge function, one connected device is expanded in parallel with other batteries
8	Negative busbar	Realize the charge and discharge function, one connected device is expanded in parallel with other batteries
9	Battery Positive Terminal	The waterproof cable gland. A pair of connector with the same function. Used for through the Power cable. one connected device is expanded in parallel with other batteries. For each individual module, each terminal supports charge and discharge functions.
10	Battery Communication Port	The waterproof cable gland. A pair of connector with the same function. Used for through the network cable. one connected device is expanded in parallel with other batteries. For each individual module, each terminal can realize the communication function with the inverter.
11	Battery Negative Terminal	The waterproof cable gland. A pair of connector with the same function. Used for through the Power cable. one connected device is expanded in parallel with other batteries. For each individual module, each terminal supports charge and discharge functions.
12	Power Button	To turn ON/OFF the whole battery

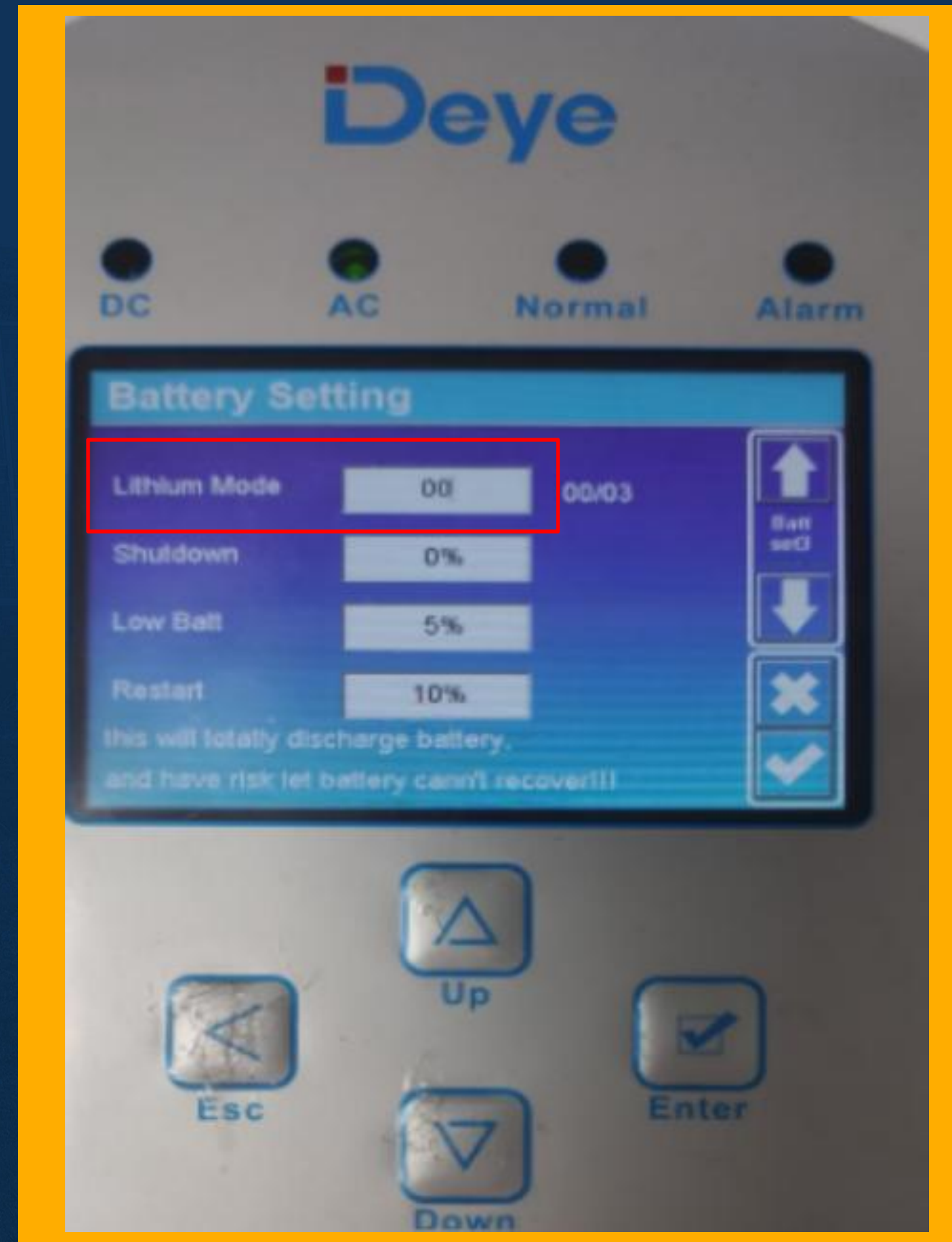
Inverter APP Setting

04.

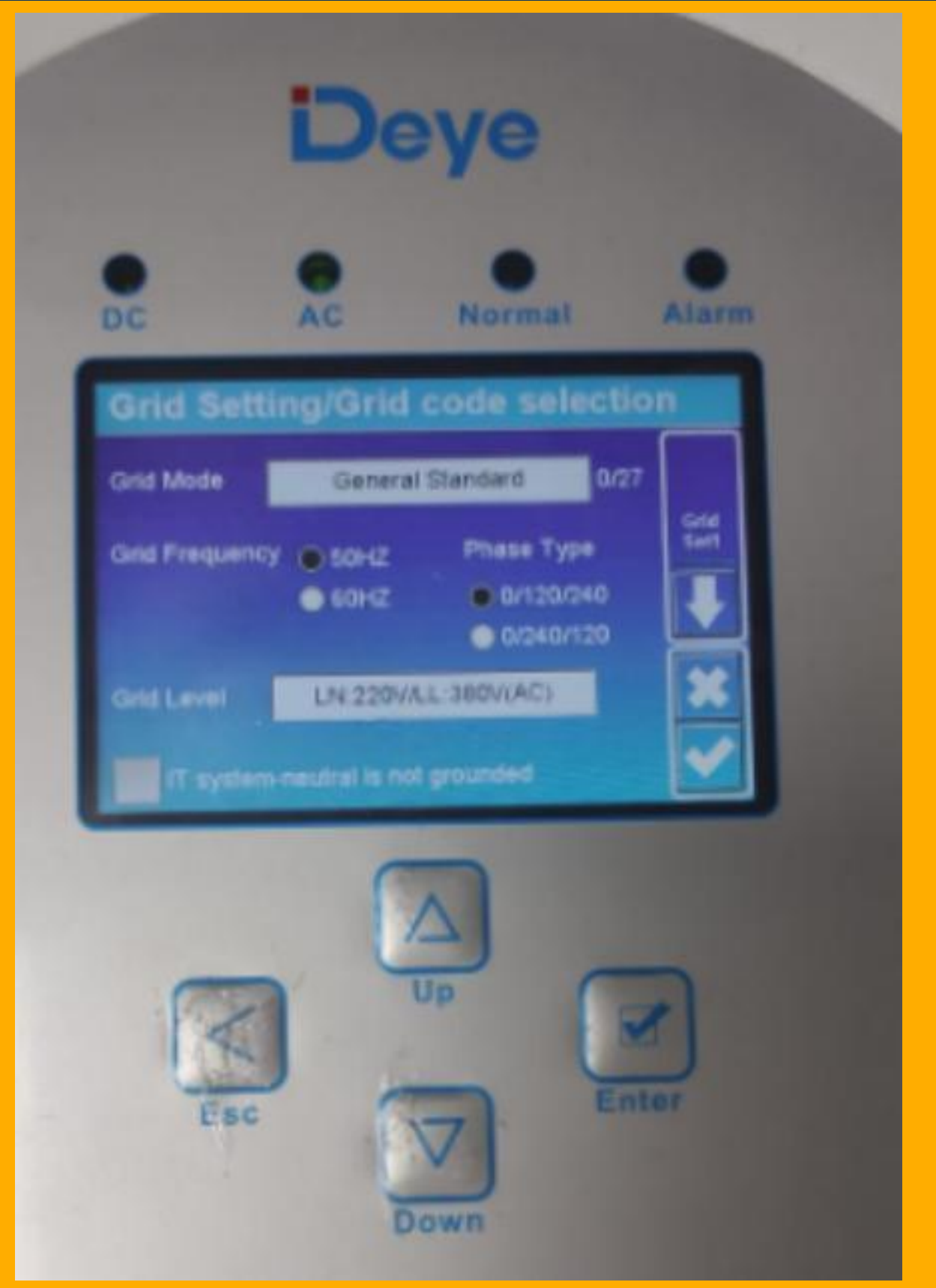




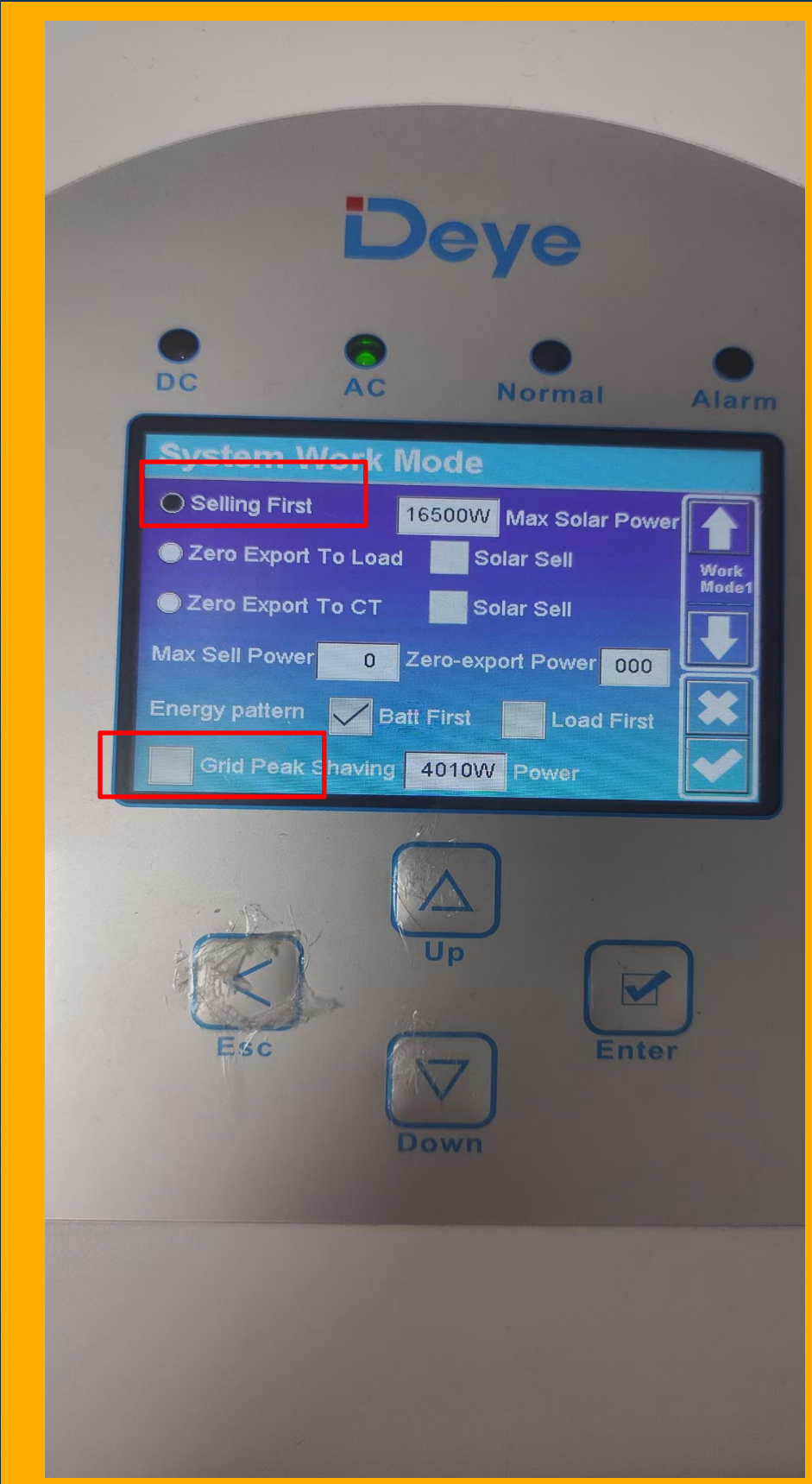
Deye System Setup



Battery Setting-Mode "00"



Grid Setting



- Select the selling first mode;
- Do not select the Grid Peak Shaving

Successful State

05.







THANK YOU

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